3 7/8 ±1/32

R (OPTIONAL)

MODEL: T101R201

LR3730 C US

HYDRO-KING 2 CIRCUIT TIME SWITCH

IN TYPE 3R DUSTPROOF RAINPROOF ENCLOSURE, SUITABLE FOR POOL EQUIPMENT CONTROL IF INSTALLED 5 FT. OR MORE FROM EDGE OF POOL.

FILTER CIRCUIT SINGLE POLE SINGLE THROW (SPST)
40 AMP. RESISTIVE, INDUCTIVE TUNGSTEN OR 1000V.A. PILOT DUTY -120/208/240 VOLT AC,
2 H.P. (24 FLA) - 120 V. AC; 5 H.P. (28 FLA) - 240V. AC
HEATER CONTROL CIRCUIT: 10 AMP 125 VOLTS A C MAX

CLOCK MOTOR: 110-125V. 60 HZ.

CLOCK MOTOR VOLTAGE AND CYCLE MUST BE AS SPECIFIED. TO ORDER REPLACEMENT, INDICATE PART NO. (WG--) ON MOTOR COVER.

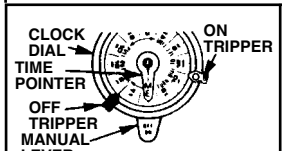
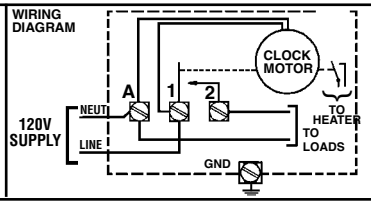
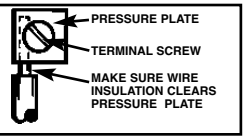


FIGURE 1



WIRING INSTRUCTIONS: To wire switch follow diagram above. Use solid or strand COPPER only wire with insulation to suit installation. See gauge selection table for normal service applications. To make power connections remove 1/2 inch of insulation from wire ends. Insert bare ends of wire under the pressure plate of terminals. Use 3/16 or larger screwdriver to tighten terminal screws firmly. (25 lb-in minimum). REPLACE INSULATOR BEFORE TURNING ON ELECTRICITY.

MINIMUM COPPER WIRE SIZE (AWG)	MAX. LOAD (AMP)	MIN. INSULATION TEMP (°C)	75° INSULATION MAX. MOTOR LOAD (HP)			
			SINGLE PHASE		3 PHASE	
			120V	240V	240V	240V
14	15	60	1/2	2	N/A	N/A
12	20	60	1	2 1/2		
10	30	60	2	3		
8	40	75		5		



±1/32
6 3/4

PROGRAMMING INSTRUCTIONS

- **TO SET "ON" AND "OFF" TIMES:** Hold trippers against edge of **CLOCK-DIAL,** pointing to time (AM or PM) when **ON** and **OFF** operations are desired, tighten tripper screws firmly. For additional tripper pairs on **CLOCK-DIAL** order 156T1978A.
- **TO SET TIME-OF-DAY:** Pull **CLOCK-DIAL** outward. Turn in either direction and align the exact time-of-day on the **CLOCK-DIAL** (time now, when switch is put into operation) to **TIME POINTER.** ***DO NOT MOVE POINTER.***

OPERATING INSTRUCTIONS

- **TO OPERATE SWITCH MANUALLY:** Move MANUAL LEVER below CLOCK-DIAL left or right as indicated by arrows. This will not effect next operation.
  CAUTION: You must turn heater off at least 15 minutes before manually turning off filter system.
- **IN CASE OF POWER FAILURE,** reset **CLOCK-DIAL** to proper time-of-day. See programming instructions.

INTERMATIC INCORPORATED
SPRING GROVE, ILLINOIS 60081-9698

158TS12153

158TS12153

Note:
1. ALL MARKINGS TO BE PER INTERMATIC APPROVED ARTWORK.

APPROVED MATERIAL:
WHITE VINYL W/PERMANENT PRESSURE SENSITIVE ADHESIVE BACKING.

D17

SEE B/M FOR ALL PART NUMBERS & QUANTITIES

ITEM	PART NUMBER	DESCRIPTION	QTY

LET	REVISION	DATE/BY	MODEL
1	RELEASED TO ELEC. DATA		T101R201

DR: SRB 4/21/2005
ORIG:
CHKD: JAP 4/21/2005
SCALE: FULL
APPROVED
JAP 4/21/2005
SUPERSEDES

INTERMATIC INCORPORATED
NAME: INST SHT - DOOR, T101R201, ENG.
MATL: SEE APPROVED MATERIAL
FINISH: **BLACK PRINTING INK**
HEAT TREAT

TOOL TOL: BOXED TOLERANCES ARE FOR LIFE-OF-TOOL DEVIATION ONLY. DO NOT USE FOR RE-TOOLING.

DIM TOL. : DECIMALS (UNLESS OTHERWISE SPECIFIED) - TWO PLACE (.00)± .015 - THREE PLACE (.000)± .005
ANGLES ±30 MINUTES - ALL DIMENSIONS MUST BE MET BEFORE PLATING.